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Richard O. Cunningham
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February 4, 2002

Via E-mail

Ms. Gloria Blue
Executive Secretary
TPSC, Office of the U.S. Trade Representative
600 17th Street, N.W.
Washington, DC 20508

Re: Steel, Inv. No. TA-201-073: Supplemental Comments on Special Profiles, Exclusion Request Number X-148

Dear Ms. Blue:

Corus Group plc is submitting this letter in response to particular requests made by Richard Weible, Director, AD/CVD Enforcement Office 8, at the Department of Commerce in our January 25, 2002, meeting with him to discuss special profiles. At Mr. Weible's request, we have described each special profile in a manner that we believe is sufficient for the Customs Service to use in administering exclusions for these products. Attachment 1. We continue to maintain, in light of the fact that each special profile represents a different, often complex, shape, that a value-break would be an appropriate approach to administer the special treatment needed for these high-value, specialized products. Imports valued above the price break could either be excluded or subjected to a quantitative restriction, with a limit that maintains needed access to imports. To the extent that it is believed our proposed \$420 per ton value break is too low (although at this value over 83% of all hot-rolled bar imports are included in relief), then the next logical breaking point would seem to be \$530 per ton, which would leave over 90% of the imports in the relief. See Attachment 2. Although a few special profiles would fall below

this higher value,¹ in general, the products in the special profiles grouping are such high priced, specialty products that, even at \$530 per ton, they would be shielded from the dire effects of any severe import restrictions. Moreover, this \$530 value is \$185 per ton greater than the selling price in 2000 (before the decline of 2001) for merchant bars. It is not plausible that circumvention could occur by raising the prices of commodity bar products in this order of magnitude.

Finally, although special profiles are unique products that require special rolling and tooling equipment, some domestic producers have claimed that they can make special profiles. For the most part, the domestic producers' claims that they can manufacture special profiles are without foundation. For example, AmeriSteel and North Star Steel have objected to Corus' request for exclusion of special profiles when these companies produce commodity bars and light shapes. Neither company produces the special shapes and profiles that are the subject of this exclusion request nor do they hold themselves out as being capable of producing these specialty products in their product listings. Attachment 3 (product brochures).

Kentucky Electric Steel also cannot manufacture special profiles. In the first place, it cannot roll boron (alloy) grades of steel. Moreover, its claims as to specific special profiles must be rejected. Kentucky Electric Steel purports to manufacture forklift masts. In its product listings, however, it only purports to supply "fork lift arms," which is a different product. Attachment 3. Although part of a forklift truck, forklift arms share nothing else in common with the forklift masts that are the subject of this exclusion request. Thus, Kentucky Electric

¹ Most notably bulb flats. However, the record is clear that U.S. companies do not produce bulb flats. Accordingly, they should be the subject of a separate exclusion if the \$530 per ton price break is accepted.

Steel does not make forklift masts. Additionally, Kentucky Electric Steel admits that it cannot currently produce bevel flats but presumably believes that it could in the future produce this product under certain circumstances (its justification for opposing the exclusion request on bevel flats is confidential). This is not a valid basis for opposing exclusion. Kentucky Electric Steel manufactures “square edge” flat steel bars of varying grades for a variety of end applications. These are different products, and again it is clear that Kentucky Electric Steel does not roll bevel flats.

As to Steel of West Virginia, information on the record shows that shipbuilders have attempted to purchase bulb flats from this domestic producer. The response that the shipbuilders received categorically belies Steel of West Virginia’s claim that it can make bulb flats. As demonstrated, Steel of West Virginia averred that it does not have the capabilities to produce bulb flats. January 4, 2002, Submission of NASSCO to the TPSC at 4. Similarly, a review of Steel of West Virginia’s product offerings demonstrates that Steel of West Virginia does not sell bevel flats. Attachment 3. Finally, while Steel of West Virginia does produce some forklift mast sections, it does not offer the full range of sections produced by Corus and required by U.S. customers. Attachment 3.² Consequently, any exclusion or separate treatment granted to Corus for its range of special profiles will have no significant impact on Steel of West Virginia’s existing business.

² In its product brochure, Steel of West Virginia holds itself out as a producer of track bar. The submissions of Caterpillar set forth reasons why Steel of West Virginia is not a viable supplier of the track bar needed by Caterpillar. In short, Steel of West Virginia has not been able to produce track bar according to the specifications that Caterpillar requires.

We appreciate your attention to this matter and would be happy to address any further concerns that you may have.

Regards,



Richard O. Cunningham

Tina Potuto Kimble

STEPTOE & JOHNSON LLP

Counsel to Corus Group plc

cc: Mark Flessner
Import Analyst
Room 3508, HCHB
US Dept. of Commerce
Washington, DC 20230

Charles Owen Verrill, Jr.
Wiley Rein & Fielding LLP
1776 K Street, NW
Washington, DC 20006

ATTACHMENT 1

Descriptions Of Special Profiles Corus Ships To The United States

Bevel Flats

Hot-rolled steel flat bars with a beveled edge or edges in widths from 203mm to 483mm, in thickness from 12.7mm to 60.0mm, and mass from 21.95kg/m to 185.52kg/m.

Wedge Edges

Hot-rolled steel semi-arrowhead shapes or sections in widths from 203mm to 254mm, flat thickness from 19.0mm to 40.0mm, head thickness from 31.7mm to 69.2mm, tip thickness from 4.5mm to 23.2mm, and mass from 31.40kg/m to 88.66kg/m.

Bulb Flats

Hot-rolled steel flat shapes or sections having a semi-bulbous profile on one edge with a 30 degree angle to the flat face in widths from 60mm to 430mm, flat face thickness from 4mm to 20 mm, bulb thickness from 13mm to 62.5mm, and mass from 2.81kg/m to 92.31kg/m

Mast Sections

Hot-rolled steel shapes or sections of J type profiles having a web height from 115mm to 267mm, a flange height from 44.4mm to 108.0mm, a web thickness from 10mm to 20mm, and a mass from 22.50kg/m to 92.31kg/m.

Hinge Sections

Hot-rolled and cold-drawn steel shapes or sections having single or multiple legs with straight and curved segments of equal and unequal length, with bulbed leg ends or surfaces, having differential cross sectional thickness from 8mm to 20mm, and a mass from 8.05kg/m to 28.50kg/m.

Rim Sections

Hot-rolled steel shapes or sections having single or multiple legs with straight and curved segments of equal and unequal length, having differential cross sectional thickness in dimensions from 4.75mm to 317mm and a mass from 1.15kg/m to 56.1kg/m.

Joint Sections

Hot-rolled steel shapes or sections of an L or T type profile with leg lengths from 33.3mm to 93.7mm, leg thickness from 4.8mm to 16.7mm, and mass from 3.78kg/m to 17.58kg/m.

Spigot Harness Sections

Hot-rolled steel shapes or sections of flat and U profiles with or without grooves in widths from 114.3mm to 203.2mm, heights from 14.3mm to 31.7mm, thickness from 4.8mm to 20.6mm, and mass from 5.87kg/m to 21.18kg/m.

Armour Face Sections

Hot-rolled steel shapes or sections of U, V, or W profiles having curved and straight segments of equal and unequal length, in widths from 154mm to 251mm, heights from 73mm to 134mm, center thickness from 28.0mm to 33.0mm, and mass from 57.3kg/m to 84.81kg/m.

Beater Sections

Hot-rolled steel shapes or sections of an obtuse angle profile having transverse raised ribs on one leg with leg lengths from 36.0mm to 50.7mm and mass of 4.90kg/m.

Ornamental Sections

Hot-rolled steel shapes or sections of non-uniform symmetry with ornate embossed patterns on the surface in widths from 8.0mm to 28.0mm, heights from 3mm to 24mm, thickness from 3.0mm to 24.0mm, and mass from 0.23kg/m to 3.33kg/m.

Construction Sections

Hot-rolled steel shapes or sections of rectangular form with corners stepped and beveled in widths from 152.4mm to 215.9mm, heights from 69.9mm to 114.3mm, and mass from 62.5kg/m to 171.5kg/m.

Engineering Sections

Hot-rolled steel shapes or sections of I, U, and L type profiles having single or multiple legs with straight and curved segments of equal and unequal length, with a web height from 50.0mm to 218.9mm, a flange height from 20.6mm to 67.6mm, a web thickness from 4.0mm to 15.9mm, and a mass from 3.28kg/m to 28.8kg/m.

Track Bar

Track shoe sections of carbon or alloy steel, of 150mm or more but not exceeding 400mm, having a single grouser of 40mm or more but not exceeding 130mm from the bottom of the flat face, or double or triple grousers of 15mm or more but not exceeding 110mm from the bottom of the flat face.

Rippershanks

Rectangular rolled section having rounded corners with radii of at least 6mm but not more than 25mm; of SAE 41B30 modified chemistry containing manganese of at least 1.00 percent but not more than 1.30 percent by weight, and containing chromium of at least 0.40 percent but not more than 0.65 percent by weight; and with a thickness of at least 72mm but not more than 77mm and a width of at least 327mm but not more than 337mm, or with a thickness of at least 86.5mm but not more than 91.5mm and a width of at least 352mm but not more than 362mm, or with a thickness of at least 86.5mm but not more than 91.5mm and a width of at least 377mm but not more than 387mm, or with a thickness of at least 96.5mm but not more than 101.5mm and a width of at least 395mm but not more than 405mm, or with a thickness of at least 106.5mm but not more than 111.5mm and a width of at least 444.5mm but not more than 454.5mm.


ATTACHMENT 2

**U.S. Imports of Hot-Rolled Bars and Light Shapes
Percent of Year 2000 Total Import Quantity
Below a Given Price (Customs Value)
(\$/ST)**


| <u>AUV Break</u> | <u>Percent of Qty. Below</u> |
|-------------------------|-------------------------------------|
| 200 | 0.6% |
| 210 | 0.6% |
| 220 | 1.1% |
| 230 | 3.6% |
| 240 | 7.2% |
| 250 | 8.5% |
| 260 | 8.9% |
| 270 | 10.6% |
| 280 | 11.3% |
| 290 | 20.7% |
| 300 | 23.1% |
| 310 | 24.7% |
| 320 | 26.9% |
| 330 | 32.5% |
| 340 | 34.7% |
| 350 | 37.9% |
| 360 | 44.3% |
| 370 | 47.4% |
| 380 | 51.0% |
| 390 | 59.5% |
| 400 | 61.1% |
| 410 | 70.3% |
| 420 | 83.3% |
| 430 | 83.8% |
| 440 | 84.9% |
| 450 | 86.7% |
| 460 | 87.6% |
| 470 | 87.7% |
| 480 | 87.9% |
| 490 | 88.0% |
| 500 | 88.1% |
| 510 | 88.5% |
| 520 | 89.7% |
| 530 | 90.6% |
| 540 | 90.6% |
| 550 | 92.0% |
| 560 | 92.2% |
| 570 | 92.4% |
| 580 | 92.5% |
| 590 | 92.5% |
| 600 | 92.5% |
| 610 | 93.2% |
| 620 | 94.4% |
| 630 | 94.4% |
| 640 | 94.4% |
| 650 | 94.4% |
| 660 | 94.4% |
| 670 | 94.4% |
| 680 | 94.7% |
| 690 | 94.8% |
| 700 | 94.8% |
| 710 | 97.3% |
| 720 | 97.3% |
| 730 | 97.3% |
| 740 | 97.4% |
| 750 | 97.4% |
| 760 | 97.4% |
| 770 | 97.5% |
| 780 | 97.5% |
| 790 | 97.5% |
| 800 | 97.5% |

Source: U.S. Department of Commerce, Census Bureau, official U.S. import statistics; imports for consumption. Imports of items as defined in the 2001 ITC Section 201 Steel Investigation.

ATTACHMENT 3

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About

Product Listing

Locations

Rolling Schedule

Inventory

Sales Contacts

Outside Sales

Credit Application


E-Z-Link

About Mill Products

Since 1937, AmeriSteel and its predecessor companies have been proud to serve the needs of the steel buying public, with quality products and dependable service. Through the years, we have learned that the cornerstone of success is paying attention to the needs of our customers.

AmeriSteel operates five electric steel minimills strategically located in **Baldwin, FL, Charlotte, NC, Knoxville, TN, Jackson, TN** and **Cartersville, GA** to service your steel needs. Our product mix includes **concrete reinforcing steel, equal and unequal leg angles, channels, smooth rounds, flats, square bars, and coiled wire rod.**

When you call AmeriSteel, you will be greeted by one of our experienced professional inside-sales team members who are





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ROLLING SCHEDULE

Mill Legend:

CHR = Charlotte, NC
CVL = Cartersville, GA
JAX = Jacksonville, FL
KNX = Knoxville, TN
WTN = Jackson, TN

01-FEB-02 14:51:

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EQUAL ANGLES

1 X 1 1/8 3/16 1/4
1-1/4 X 1-1/4 1/8 3/16 1/4
1-1/2 X 1-1/2 1/8 3/16 1/4
1-3/4 X 1-3/4 1/8 3/16 1/4
2 X 2 1/8 3/16 1/4
2 X 2 1/8 3/16 1/4 5/16 3/8
2-1/2 X 2-1/2 3/16 1/4 5/16 3/8
3 X 3 3/16 1/4 5/16 3/8 1/2
3-1/2 X 3-1/2 1/4 5/16 3/8 1/2
4 X 4 1/4 5/16 3/8 1/2
4 X 4 1/4 5/16 3/8 1/2
5 X 5 5/16 3/8 1/2
6 X 6 3/8 1/2

| MILL | ROLL WEEK | % BOOK | R W |
|------|--------------|-----------|--------|
| CHR | 03/09 | 80 | 0 |
| CHR | 03/09 | 69 | 0 |
| CHR | 05/11 | 44 | 0 |
| CHR | 02/23 | 20 | 0 |
| CHR | 02/23 | 32 | 0 |
| WTN | 03/16 | 54 | 0 |
| WTN | 03/16 | 34 | 0 |
| WTN | 03/09 | 51 | 0 |
| WTN | 03/02 | 47 | 0 |
| CVL | 03/23 | 2 | 0 |
| WTN | 02/23 | 52 | 0 |
| CVL | 03/16 | 7 | 0 |
| CVL | 03/16 | | 0 |

UNEQUAL ANGLES

3-1/2 X 3 1/4 5/16 3/8
3 X 2-1/2 1/4 5/16 3/8
3 X 2 3/16 1/4 5/16 3/8
4 X 3 1/4 5/16 3/8 1/2
4 X 3-1/2 1/4 5/16 3/8 1/2
5 X 3 1/4 5/16 3/8
5 X 3-1/2 1/4 5/16 3/8
6 X 3-1/2 5/16 3/8 1/2
6 X 4 5/16 3/8 1/2

| | | | |
|-----|-------|----|---|
| WTN | 05/04 | 32 | 0 |
| WTN | 03/09 | 33 | 0 |
| WTN | 03/09 | 56 | 0 |
| WTN | 03/02 | 44 | 0 |
| WTN | 03/02 | 44 | 0 |
| WTN | 02/23 | * | 0 |
| WTN | 02/23 | 68 | 0 |
| CVL | 06/29 | 1 | 0 |
| CVL | 06/29 | | 0 |

FLAT BARS

1 3/16 1/4 5/16 3/8 1/2 3/4
1-1/4 1/4 3/8 1/2
1-1/2 1/4 3/8 1/2
1-3/4 1/4 3/8
2 1/4 3/8 1/2
2 1/4 5/16 3/8 1/2 5/8 3/4 1
2-1/2 1/4 5/16 3/8 1/2 5/8 3/4
3 1/4 5/16 3/8 1/2 5/8 3/4 1
3-1/2 1/4 3/8 1/2 5/8 3/4
4 1/4 5/16 3/8 1/2 5/8 3/4 1
4-1/2 1/4 3/8 1/2 5/8 3/4 1

| | | | |
|-----|-------|----|---|
| CHR | 03/02 | 22 | 0 |
| CHR | 06/08 | 30 | 1 |
| CHR | 03/02 | 61 | 0 |
| CHR | 07/27 | * | 0 |
| CHR | 02/09 | | 0 |
| WTN | 02/09 | 87 | 0 |
| WTN | 02/09 | 75 | 0 |
| WTN | 02/02 | 67 | 0 |
| WTN | 02/02 | 89 | 0 |
| WTN | 04/06 | 46 | 0 |
| WTN | 04/06 | 51 | 0 |

| | | | | |
|-----------------------------------|-----|-------|----|---|
| 5 1/4 5/16 3/8 1/2 5/8 3/4 1 | WTN | 04/06 | 48 | 0 |
| 6 1/4 5/16 3/8 1/2 5/8 3/4 1 | CVL | 02/16 | 5 | 0 |
| 6 7/32 1/4 5/16 3/8 1/2 5/8 3/4 1 | WTN | 03/30 | 55 | 0 |
| 7 1/4 5/16 3/8 1/2 3/4 | CVL | 02/16 | 8 | 0 |
| 8 1/4 5/16 3/8 1/2 5/8 3/4 1 | CVL | 02/09 | 21 | 0 |
| 9 1/4 3/8 1/2 5/8 3/4 1 | CVL | 02/09 | 17 | 0 |
| 10 1/4 3/8 1/2 5/8 3/4 1 | CVL | 02/09 | 24 | 0 |
| 11 1/4 3/8 1/2 3/4 | CVL | 04/20 | 23 | 0 |
| 12 1/4 3/8 1/2 5/8 3/4 1 | CVL | 02/02 | 24 | 0 |

WIRE RODS

7/32, 9/32

JAX 02/09 * 0

1/4, 5/16, 11/32, 3/8

JAX INQ I



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| SQUARES | MILL | ROLL WEEK | % BOOK | ROLL WEEK | % BOOK |
|---------|------|--------------|-----------|--------------|-----------|
| 1/2 | CHR | 03/16 | 37 | 06/22 | 33 |
| 5/8 | CHR | 03/23 | 48 | 06/22 | 25 |
| 3/4 | CHR | 03/30 | 52 | 06/29 | 52 |
| 1 | CHR | 06/01 | 46 | 11/23 | 46 |

ROUNDS

| | | | | | |
|-------|-----|-------|----|-------|----|
| 1/2 | CHR | 03/09 | 54 | 06/15 | 40 |
| 9/16 | CHR | 03/16 | 14 | 06/22 | 14 |
| 5/8 | CHR | 03/30 | 69 | 06/29 | 21 |
| 3/4 | CHR | 03/30 | 33 | 06/29 | 28 |
| 7/8 1 | CHR | 04/20 | 52 | 10/12 | 49 |
| 1-1/4 | CHR | 04/27 | 11 | 07/20 | 5 |
| 1-3/8 | CHR | 04/27 | 3 | 07/20 | |
| 1-1/2 | CHR | 04/27 | 5 | 07/27 | 1 |

CHANNELS

| | | | | | |
|-----------|-----|-------|----|-------|----|
| 3 X 3.5# | WTN | 03/23 | 38 | 05/25 | 6 |
| 3 X 4.1# | WTN | 03/23 | 38 | 05/25 | 6 |
| 3 X 5.0# | WTN | 03/23 | 38 | 05/25 | 6 |
| 4 X 4.5# | WTN | 03/30 | 54 | 06/01 | 6 |
| 4 X 5.4# | WTN | 03/30 | 54 | 06/01 | 6 |
| 4 X 6.25# | WTN | 03/30 | 54 | 06/01 | 6 |
| 4 X 7.25# | WTN | 03/30 | 54 | 06/01 | 6 |
| 5 X 6.7# | WTN | 02/16 | 53 | 04/20 | 44 |
| 5 X 9.0# | WTN | 02/16 | 53 | 04/20 | 44 |

| | | | | | |
|------------|-----|-------|----|-------|----|
| 6 X 6.2# | CVL | 03/16 | 4 | 05/25 | 2 |
| 6 X 8.2# | WTN | 02/16 | 60 | 04/20 | 44 |
| 6 X 10.5# | CVL | 03/16 | 4 | 05/25 | 2 |
| 6 X 10.5# | WTN | 02/16 | 60 | 04/20 | 44 |
| 6 X 13.0# | CVL | 03/16 | 4 | 05/25 | 2 |
| 8 X 11.5# | CVL | 03/02 | 5 | 05/11 | |
| 8 X 13.75# | CVL | 03/02 | 5 | 05/11 | |
| 8 X 18.75# | CVL | 03/02 | 5 | 05/11 | |
| 10 X 15.3# | CVL | 04/13 | 23 | 06/08 | 3 |
| 10 X 20# | CVL | 04/13 | 23 | 06/08 | 3 |
| 10 X 25# | CVL | 04/13 | 23 | 06/08 | 3 |
| 10 X 30# | CVL | 04/13 | 23 | 06/08 | 3 |
| 12 X 20.7# | CVL | 04/06 | 20 | 06/01 | 3 |
| 12 X 25# | CVL | 04/06 | 20 | 06/01 | 3 |
| 12 X 30# | CVL | 04/06 | 20 | 06/01 | 3 |



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| BEAMS | MILL | ROLL WEEK | % BOOK | ROLL WEEK | % BOOK |
|----------|------|--------------|-----------|--------------|-----------|
| 4 X 13# | CVL | 03/30 | | 05/25 | |
| 6 X 8.5# | CVL | 03/09 | 48 | 05/18 | 1 |
| 6 X 9# | CVL | 03/09 | 48 | 05/18 | 1 |
| 6 X 12# | CVL | 03/09 | 48 | 05/18 | 1 |
| 6 X 15# | CVL | 03/09 | 48 | 05/18 | 1 |
| 6 X 16# | CVL | 03/09 | 48 | 05/18 | 1 |
| 6 X 20# | CVL | 03/09 | 48 | 05/18 | 1 |
| 6 X 25# | CVL | 03/09 | 48 | 05/18 | 1 |
| 8 X 10# | CVL | 02/23 | 17 | 05/04 | 1 |
| 8 X 13# | CVL | 02/23 | 17 | 05/04 | 1 |
| 8 X 15# | CVL | 02/23 | 17 | 05/04 | 1 |
| 8 X 18# | CVL | 02/23 | 17 | 05/04 | 1 |
| 8 X 21# | CVL | 02/23 | 17 | 05/04 | 1 |
| 10 X 12# | CVL | 04/13 | 4 | 06/01 | 1 |
| 10 X 15# | CVL | 04/13 | 4 | 06/01 | 1 |
| 10 X 17# | CVL | 04/13 | 4 | 06/01 | 1 |
| 10 X 19# | CVL | 04/13 | 4 | 06/01 | 1 |
| 12 X 14# | CVL | 04/06 | 3 | 06/01 | 1 |
| 12 X 16# | CVL | 04/06 | 3 | 06/01 | 1 |
| 12 X 19# | CVL | 04/06 | 3 | 06/01 | 1 |
| 12 X 22# | CVL | 04/06 | 3 | 06/01 | 1 |



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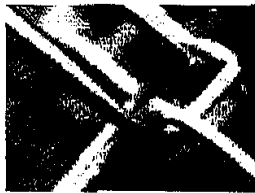
Fax No: 800-628-99

| | MILL | ROLL WEEK | % BOOK | ROLL WEEK | % BOOK |
|---------------------|------|--------------|-----------|--------------|-----------|
| METRIC REBAR | | | | | |
| 10 (# 3) | JAX | 03/09 | 56 | 04/27 | |
| 13 (# 4) | JAX | 03/09 | | 04/27 | |
| | CHR | 02/09 | 14 | 04/06 | 11 |
| | KNX | 02/02 | 21 | 03/02 | |
| 16 (# 5) | JAX | 03/16 | 1 | 05/04 | |
| | CHR | 02/16 | 3 | 04/06 | 5 |
| | KNX | 02/23 | 4 | 03/23 | |
| 19 (# 6) | JAX | 02/09 | 4 | 03/23 | |
| | CHR | 04/13 | 5 | 07/13 | |
| | KNX | 03/09 | | 05/04 | |
| 22 (# 7) | JAX | 02/23 | | 04/13 | |
| | CHR | 04/20 | 1 | 07/13 | |
| | KNX | 03/09 | 18 | 04/27 | |
| 25 (# 8) | JAX | 02/23 | | 04/13 | |
| | CHR | 04/27 | 5 | 07/20 | |
| | KNX | 02/16 | 5 | 04/13 | |
| 29 (# 9) | JAX | 03/02 | | 04/20 | |
| | KNX | 02/16 | 9 | 04/06 | |
| 32 (#10) | JAX | 03/02 | | 04/20 | |
| | KNX | 02/16 | 17 | 04/06 | |
| 36 (#11) | JAX | 03/02 | 13 | 04/20 | |
| | KNX | 02/09 | 5 | 04/06 | |
| 43 (#14) | WTN | 02/16 | | 06/22 | |
| 57 (#18) | WTN | 02/16 | | 06/22 | |

METRIC COIL

| | | | |
|---------|-----|-------|-------|
| 10 COIL | JAX | 02/16 | 04/06 |
| 13 COIL | JAX | 02/23 | 04/06 |
| 16 COIL | JAX | 02/23 | 04/13 |

Various Merchant/Structural products are stocked in both Charlotte and Jackson. The Basing points for pricing purposes on all sizes will be determined by the producing mill. Please check with your AmeriSteel representative or <http://E-Z-Link.com> for inventory status.



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North Star Steel

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[Senior Management](#) | [Corporate Headquarters](#)

History

North Star Steel company was founded in October 1965 in St. Paul, Minn., and began steel-scrap-recycling operations at the St. Paul minimill in 1967. Cargill acquired the company in February 1974. North Star's operations currently include electric-arc furnace minimills in Beaumont, Texas; Kingman, Ariz.; Monroe, Mich.; St. Paul, Minn.; Wilton, Iowa; and Youngstown, Ohio. We also have a steel rolling mill in Calvert City, Ky.; a tubular goods end-finishing facility in Houston, Texas; and a grinding-ball plant in Duluth, Minn.. Also, in a joint venture with BHP Steel of Australia, North Star/BHP is operating a 1.5 million ton-per-year minimill near Delta, Ohio to produce flat-rolled steel.

Since 1974, North Star's annual steel-production capacity has risen from 300,000 tons to our current level of 3.5 million tons, and our employment has risen from 600 to over 3,000. Productivity averages less than two worker-hours per ton of steel.

Mill Locations

[Beaumont, Texas](#)
[Calvert City, Kentucky](#)
[Delta, Ohio](#)
[Duluth, Minnesota](#)
[Houston, Texas](#)
[Kingman, Arizona](#)
[Monroe, Michigan](#)
[St. Paul, Minnesota](#)
[Wilton, Iowa](#)
[Youngstown, Ohio](#)

Our Vision

North Star Steel will create enthusiastic stakeholders by becoming the leading steel company in the world.

Although this statement is simple, it summarizes our vision to continue to create enthusiasm among our key "stakeholders" -- everyone who has an interest in our business: Our customers first, our suppliers, our employees, our owners, and the communities in which we work. We will strive to maintain the highest level of enthusiasm with the way we operate our business.

Senior Management

CARGILL STEEL

President: Jim Thompson

Vice President Human Resources: Chuck Stanley

Director of Information Technology: Todd Schnobrich

Director of Worldwide Market and Customer Development: Bill Swift

NORTH STAR STEEL

Executive Vice President Commercial: Jon Ruth

Executive Vice President Steelmaking: Steve Filips

Vice President and Controller: Terry Forrest

Vice President Plant Operations: Jerry Goodwald

Vice President Sales: Bill Lundberg

Director of Technology: Tony Hickl

Director of Purchasing and Logistics: Jim Fisher

Corporate Headquarters

North Star Steel, Incorporated
7650 Edinborough Way, Suite 600
Edina, MN 55435
952-367-3000 Phone
952-367-3082 Fax

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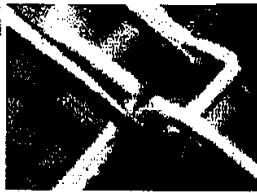
You are here: [Cargill Steel](#) > [Products](#)

Products

Click on the following links to learn more about Cargill Steel's twenty-three product lines:

| | |
|---|--|
| Billets | Iron Ore |
| Chain Link | Merchant Bar & Structurals |
| Coated Sheet | Pig Iron |
| Cold Rolled | Rebar |
| Direct Reduced Iron | SBQ |
| Electrical Sheet Steel | Slabs |
| Grinding Media | Stainless Steel |
| Hot Briquetted Iron | Tin Plate |
| Hot Rolled | Tubular Products |
| Hot Rolled Pickle & Oil | Welded Wire Mesh |
| Hot Rolled Plate | Wire Rod |
| Industrial Wire | |

[Billets](#) | [Chain Link](#) | [Coated Sheet](#) | [Cold Rolled](#) | [Direct Reduced Iron](#) | [Electrical Sheet Steel](#)
[Grinding Balls](#) | [Hot Briquetted Iron](#) | [Hot Rolled](#) | [Hot Rolled Pickle & Oil](#) | [Hot Rolled Plate](#)
[Industrial Wire](#) | [Iron Ore](#) | [Merchant Bar & Structurals](#) | [Pig Iron](#) | [Rebar](#) | [SBQ](#)
[Slabs](#) | [Stainless Steel](#) | [Tin Plate](#) | [Tubular Products](#) | [Welded Wire Mesh](#) | [Wire Rod](#)

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Merchant Bar & Structural

[Bar Flats from 1" to 6" Width from North Star Steel - Iowa](#)[Flats from 7" to 14" Width from North Star Steel - Kentucky](#)[Bar Angles from 1" x 1" to 2½" x 2½" from North Star Steel - Iowa](#)[Structural Angles 3" x 3" Sizes from North Star Steel - Iowa](#)[Structural Angles from 6" x 4" to 8" x 8" from North Star Steel - Kentucky](#)[Structural Channels from 6" to 12" from North Star Steel - Kentucky](#)[Miscellaneous Channels from 3" to 12" from North Star Steel - Kentucky](#)[Standard Beams 8" Sizes from North Star Steel - Kentucky](#)[Merchant Rounds from 5/8" to 3 1/2" from North Star Steel - Minnesota](#)[Merchant Rounds from 5/8" to 1 1/2" from North Star Steel - Arizona](#)[Internationally Traded Merchant Bar & Structural from Cargill Ferrous International](#)[Back To Products](#)



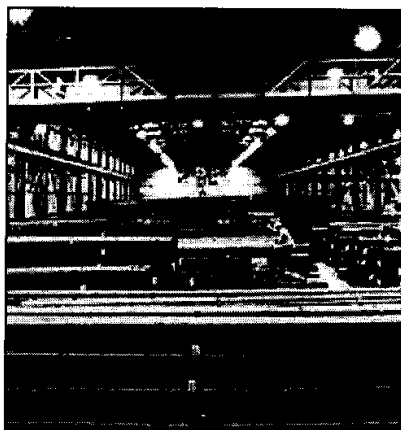
Kentucky Electric Steel, Inc.

Products Major Markets

Sizes
Grades
Metallurgical
Inventory
Schedule

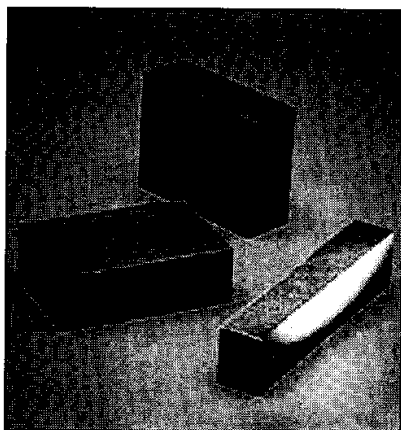
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Company

KES Major Markets



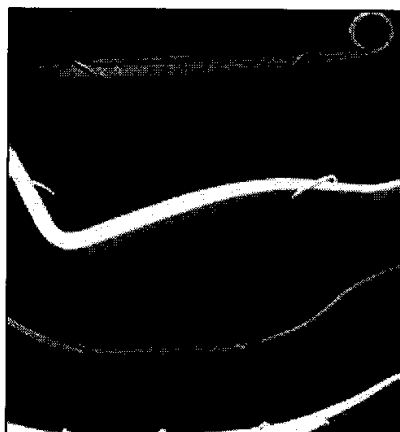
Service Center

Steel service centers supply a wide variety of industries independent manufacturers. Consequently they require multitude of grades and sizes. Kentucky Electric Steel's extensive size and chemistry ranges enable us to meet demands. The partnerships that we have established with steel service center customers have added new dimensions to our markets. Distributing our products through the steel service center industry has enabled us to supply smaller volumes with the same excellent quality product. Continuing to improve and modify our products for the steel service center markets will permit us to remain and grow as a high quality supplier.



Cold Drawn

Cold drawn bar is used in many applications from exercise equipment and office furniture to automotive applications. Size and shape are critical. The hot rolled bar supplied to the cold drawn industry must be very exacting. It requires a multitude of sizes with very close tolerances to enable the converters to "draw" the material expertly. They also require various chemistries and modifications. We are continuously working on new grades (chemistries) and new sizes to meet these needs. Our goal is to supply the highest quality material within specified tolerances to allow our cold drawn bar converters to quickly and efficiently process the bars for the customer's ultimate applications.

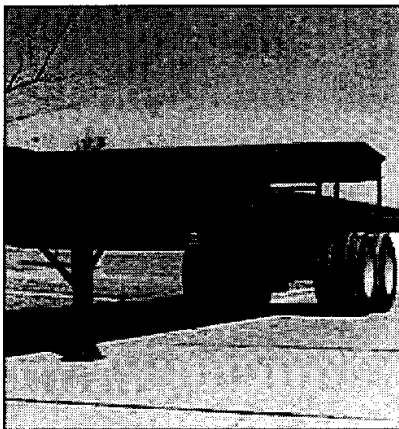


Spring

The automotive industry has undergone a dramatic change in recent years. To meet consumer demands, their quality requirements have become very stringent. The leaf spring manufacturers demand higher quality REALSC (Round Automotive Leaf Spring Concave) material than ever before.

Kentucky Electric Steel responded to this need with specification modifications and new processes to produce leaf spring material that meets and exceeds these high standards. In 1993 we received the Quest for Quality Award from one of the leading manufacturers of automotive leaf springs and we will not stop there. Improving the quality of our products so our customers can continue to improve and compete.

new world market is our first priority.



Truck Trailer

Most goods in the United States today are transported. The material supplied to the truck trailer manufacturers to make the support beams for flat bed trailers and must have high strength and have high impact values at very low temperatures. Because of safety concerns and this industry quality standards, Kentucky Electric Steel developed new strength grades of steel. We introduced 80,000 Minimum Yield with Charpy impact values at a minimum of 15 ft. lbs. a

Other HSLA (High Strength, Low Alloy) grades can be made to meet the same impact values. We can also provide K (100,000 Minimum Yield) and KES-130 (130,000 Minimum Yield) which must be quenched and tempered to meet properties.

Our Quality Control people are constantly working to improve our products to meet the ever changing requirements of the industry as it meets the demands of the transportation market.

| Examples of Flat Bar Application | |
|---|----------------------------------|
| Cutter Blades | Fork Lift Arms |
| Dies | Metal Buildings |
| Truck Trailer Support Beams | Snow Plow Blades |

These are just a few examples of the Applications for our products. If you have any questions we will gladly assist you in product selection.

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Kentucky Electric Steel, Inc.

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Sizes

REALSC & RE
REOA

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Rollable Sizes

| | |
|--|--|
| | |
|--|--|

Square Edge Flats

| Thickness | Width | | | | | | | | | | | | | |
|-----------|-------|--------|----|--------|----|--------|----|--------|----|----|----|----|-----|-----|
| | 2" | 2 1/2" | 3" | 3 1/2" | 4" | 4 1/2" | 5" | 5 1/2" | 6" | 7" | 8" | 9" | 10" | 11" |
| 1/4" | | | | | | | | | | | | | | |
| 5/16" | | | | | | | | | | | | | | |
| 3/8" | | | | | | | | | | | | | | |
| 7/16" | | | | | | | | | | | | | | |
| 1/2" | | | | | | | | | | | | | | |
| 5/8" | | | | | | | | | | | | | | |
| 3/4" | | | | | | | | | | | | | | |
| 7/8" | | | | | | | | | | | | | | |
| 1" | | | | | | | | | | | | | | |
| 1 1/8" | | | | | | | | | | | | | | |
| 1 1/4" | | | | | | | | | | | | | | |
| 1 1/2" | | | | | | | | | | | | | | |
| 1 3/4" | | | | | | | | | | | | | | |
| 2" | | | | | | | | | | | | | | |
| 2 1/4" | | | | | | | | | | | | | | |
| 2 1/2" | | | | | | | | | | | | | | |
| 2 3/4" | | | | | | | | | | | | | | |
| 3" | | | | | | | | | | | | | | |
| 4" | | | | | | | | | | | | | | |

REALSC, RE & REOA

| | Thickness | Width |
|----------------------------|-------------|--------------|
| Spring Flats (REALSC) | .360" to 2" | 2 1/2" to 6" |
| Round Edge Flats (RE) | .291" to 2" | 2 1/2" to 6" |
| Round Edge Over All (REOA) | 1 1/2" | 6" |

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Quality - Start to Finish

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- [Guardrail Posts](#)
- [Mining Materials](#)
- [Manufactured Housing Beams](#)
- [Miscellaneous](#)
- [Special Sections/Design Your Own](#)

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E-mail sales@swvainc.com

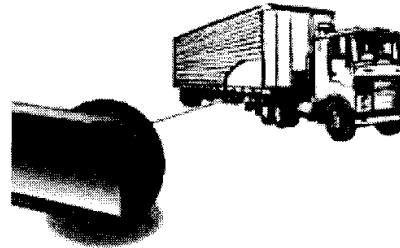
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Products

Truck Trailer Crossmembers

STEEL OF WEST VIRGINIA produces light weight I-beams used as crossmembers in truck bodies and van trailers. These are the structural, load carrying components supporting the floor of the truck body or trailer. This material must be high strength, but light weight, in order to maximize the weight and volume of the cargo being hauled. Our crossmembers are in dry freight vans, flat bed trailers, truck bodies and cargo containers.



Crossmembers are available in various widths and section weights. The most common sizes are listed here. For repetitive items, these crossmembers can be customized to individual model specifications in terms of welded or integral end clips, hole patterns and coatings. The specially designed, high strength, low alloy grade steel used for most crossmember applications has an 80,000 psi yield point per ASTM Standards. Other yield-point grades may be requested.

Common Crossmember Sizes

| |
|------------------|
| 2.25" @ 4.35#/ft |
| 3" @ 2.54#/ft |
| 3" @ 2.69#/ft |
| 3" @ 2.79#/ft |
| 3" @ 2.90#/ft |
| 3" @ 3.05#/ft |
| 3" @ 3.75#/ft |
| 3" @ 4.49#/ft |
| 3.5" @ 3.24#/ft |
| 4" @ 3.25#/ft |
| 4" @ 3.46#/ft |
| 4" @ 3.49#/ft |
| 4" @ 3.65#/ft |
| 4" @ 4.08#/ft |
| 5" @ 4.11#/ft |



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call or e-mail**

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jsimmons@swvainc.com
800-828-6849

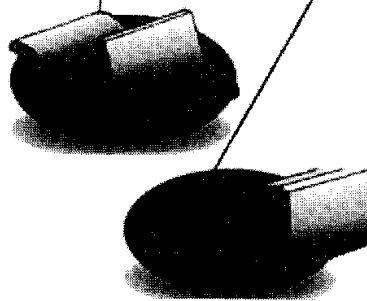
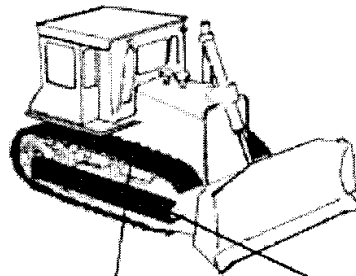
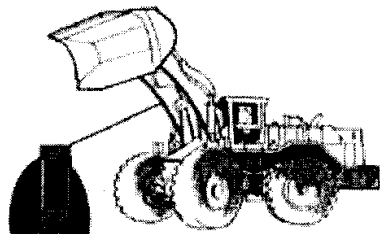
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Products

Off Highway Components

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1907



Special steel sections are used in the fabrication of frames, grousers and frame weldments for heavy construction equipment. This material must have high strength, stiffness and impact absorbing properties. STEEL OF WEST VIRGINIA supplies special sections for the applications shown here. The close, nonstandard tolerances improve final product quality and reduce manufacturing costs.



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istewart@swvainc.com
800-828-6847**

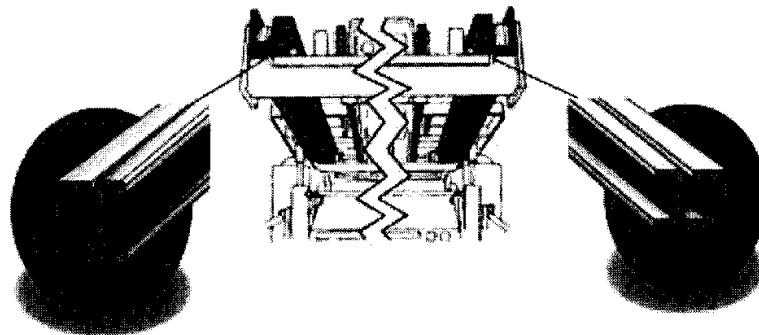
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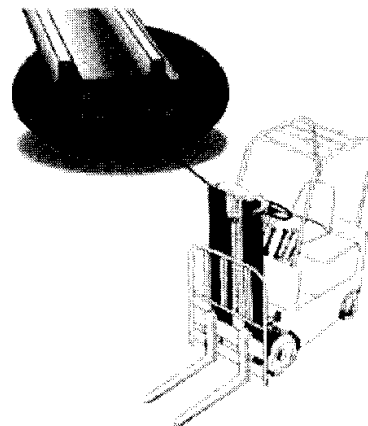
Industrial Truck - Masts



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Masts in many trucks are made from STEEL OF WEST VIRGINIA special channels in combination with special I-beams, J-bars or offset J-bars. Close tolerances and straightness are achieved with these special sections, thus allowing the equipment to function effectively in a fully-loaded and extended condition.



Original lift truck designs used standard materials and proved inadequate in achieving the combined requirements of strength, close tolerance, straightness and economy. Today our special sections are able to meet these customer-specific requirements. Special chemistry, web and flange thickness, weldability, surface hardness and impact resistance are carefully incorporated into the recommended design.

The use of special mast sections significantly reduces manufacturing costs by reducing material weight and in-plant operations. Thus, the custom-designed shapes with close-fitting tolerances result in both an improved product and process for the manufacturer.



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istewart@swvainc.com
 800-828-6847**

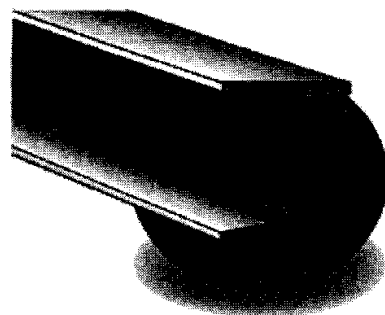
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Products

Merchant Sections

STEEL OF WEST VIRGINIA produces standard "C" channels, standard "S" beams and wide flange "W" beams. Our standard sizes are listed in the table to the right. These products are usually sold to steel service centers and distributors and end up in a variety of applications, predominantly construction. High-volume end users often prefer to deal directly with STEEL OF WEST VIRGINIA.

Products are dually-certified to ASTM A36 and ASTM A572 Grade 50, but other grades may be available upon inquiry. Standard stock length is 40 feet. Other lengths may be available upon request.



**For additional information
or 10" and 12" sizes,
please call or e-mail.
tsizemore@swvainc.com
800-828-6848**

Standard Merchant Sections

Channels:

5" @ 6.7#/ft
5" @ 9.0#/ft
6" @ 8.2#/ft
6" @ 10.5#/ft
6" @ 13.0#/ft
8" @ 11.5#/ft
8" @ 13.75#/ft
8" @ 18.75#/ft

Standard Beams:

3" @ 5.7#/ft
3" @ 7.5#/ft
4" @ 7.7#/ft
4" @ 9.5#/ft
5" @ 10.0#/ft
6" @ 12.5#/ft
6" @ 17.25#/ft
8" @ 18.4#/ft
8" @ 23#/ft

Wide Flange Beams:

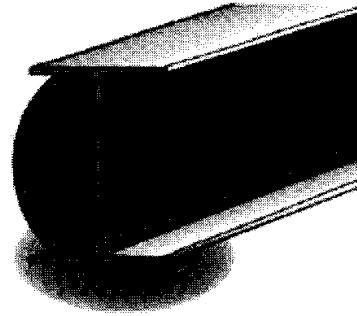
4" @ 13.0#/ft
6" @ 8.5#/ft
6" @ 9.0#/ft
6" @ 12.0#/ft
6" @ 16.0#/ft
8" @ 10#/ft
8" @ 13#/ft
8" @ 15#/ft

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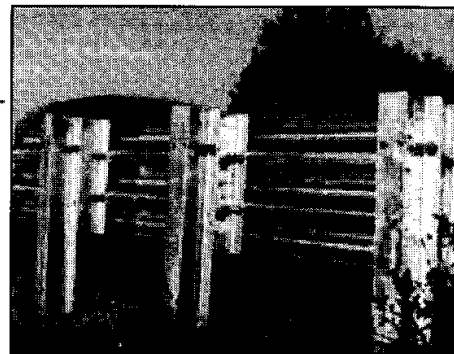
Products

Guardrail Posts

STEEL OF WEST VIRGINIA supplies the structural posts used in the highway safety industry. These guardrail posts are driven into the ground at set intervals, and the corrugated guardrail is then attached. Material is supplied as ASTM A36 with a restricted chemistry suitable for galvanizing. Two sizes are standard: 6 inches at 8.5 pounds per foot and 3 inches at 5.7 pounds per foot. ASTM A588 is also available.



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tsizemore@swvainc.com
800-828-6848**

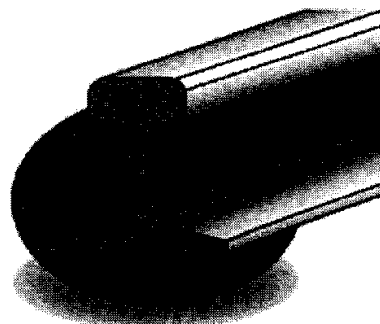
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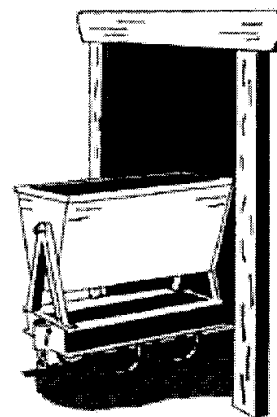
Products

Mining Materials

STEEL OF WEST VIRGINIA produces light rail used as supply line in the mining industry and as crane rail in other applications. We supply standard A.S.C.E. 30-, 40- and 60-pounds-per-yard rail to these industries. Standard drilling for 30-pound rail is 2 inches by 4 inches; for 40- and 60-pound rail it is 2.5 inches by 5 inches.



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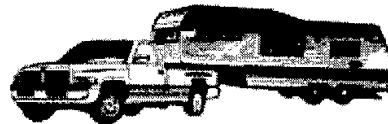
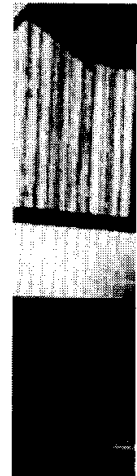
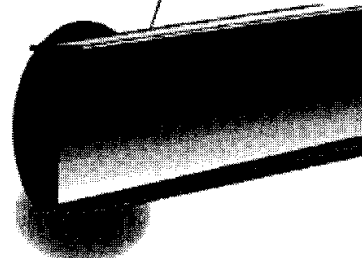
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Manufactured Housing and Recreational Vehicle Beams

STEEL OF WEST VIRGINIA also produces I-beams used on the undercarriage frame of manufactured houses and recreational vehicles. This material must be strong to handle the load under rough road conditions, but flexible enough to camber in the manufacturing process.

Manufactured Housing (MH) Beams are available in various widths and section weights. The most common sizes are listed here. For high volume, repetitive items, these MH Beams can be customized to individual specifications. The material is commonly rolled to a 50,000 psi minimum yield strength, but other yield-point grades may also be requested.



Common MH Beam Sizes

| | |
|-----|------------|
| 6" | @ 3.7#/ft |
| 6" | @ 4.4#/ft |
| 8" | @ 6.5#/ft |
| 10" | @ 8.0#/ft |
| 10" | @ 9.0#/ft |
| 12" | @ 10.8#/ft |
| 12" | @ 11.8#/ft |

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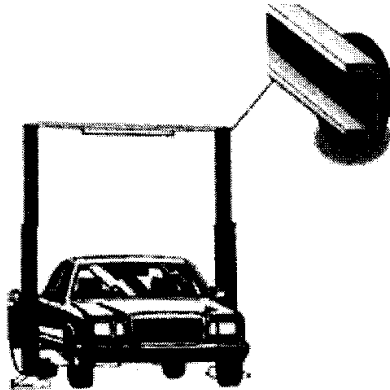
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Products

Miscellaneous Components

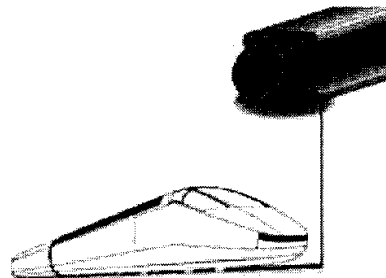
Auto Lifts



We produce special channels used for automobile lifts in the auto repair industry.

Conductor Rail

We also produce conductor rail used for mass transit systems.



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istewart@swvainc.com

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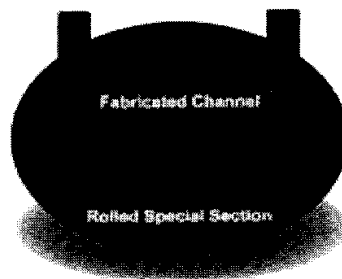
Special Sections Design Your Own

Design Concept

Reduce Costs/Improve Design

STEEL OF WEST VIRGINIA custom manufactures special sections -- hot-rolled steel bars or bar shapes of nonstandard configurations, chemistry and tolerances -- to fit specific production applications.

One of the most compelling reasons for using special sections is to reduce costs. In practical applications, hot-rolled special sections are used to replace more expensive fabricated sections, castings, forgings and extrusions. When problems are encountered in manufacturing parts from standard sections, a single custom-designed special steel section can often perform the same function at a lower cost and with superior strength. Close tolerances and unique forms can minimize or eliminate subsequent machining.



Mill Capability

Volume Requirements

Special sections are only considered when there is a continuous volume requirement for production lines or repetitive operations.

Specified Tolerances

Specially designed steel sections offer you considerable freedom in your design specifications. This means you are not limited by normal hot-rolled mill tolerances. Bars can be produced to close straightness and twist tolerances with lengths, or multi-lengths, carefully controlled to minimize scrap loss. By precisely determining the exact requirements of your application, we can develop unique roll design that allows us to balance our rolling costs with your manufacturing costs.

Design Your Own Section

STEEL OF WEST VIRGINIA is committed to helping manufacturers develop more reliable and cost effective designs. Fax us the design requirements for your special-need project, and we will send you an "instant quote" without obligation on your part.

FAX (304) 697-5842

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